

ENDORSEMENT A20 CATEGORICAL DISCHARGE LIMITS

40 CFR 437 Effluent Guidelines and Standards for the Centralized Waste Treatment Point Source Category. Pretreatment Standards for Existing Sources (PSNS):

Subpart A - Metals

Pollutant	Daily Maximum Limit	Monthly Average Limit
Antimony	0.249 mg/L	0.206 mg/L
Arsenic	0.162 mg/L	0.104 mg/L
Cadmium	0.474 mg/L	0.0962 mg/L
Chromium	15.50 mg/L	3.0700 mg/L
Cobalt	0.192 mg/L	0.1240 mg/L
Copper	4.140 mg/L	1.0600 mg/L
Cyanide (In-plant)	500 mg/L	178 mg/L
Lead	1.320 mg/L	0.2830 mg/L
Mercury	0.00234 mg/L	0.000739 mg/L
Nickel	3.950 mg/L	1.4500 mg/L
Silver	0.120 mg/L	0.0351 mg/L
Tin	0.409 mg/L	0.1200 mg/L
Titanium	0.0947 mg/L	0.0618 mg/L
Vanadium	0.218 mg/L	0.0662 mg/L
Zinc	2.870 mg/L	0.6410 mg/L

National Categorical (EPA) Limits and Permitted Categorical (EPA) Sample Points

The sanitary sewer discharge limits listed on this permit endorsement are applicable at the permitted categorical (EPA) sample points listed on page two (2) of this Industrial Waste Permit.

A. Definition of an "EPA" Sample Point:

1. An "EPA" sample point is where the discharge from the categorical (regulated) processes can be sampled prior to dilution with any non-categorical discharge.

B. Permitted Sample Points:

1. All permitted sample points are listed on page two (2) of this permit. Any sample point with the word "EPA" next to the words "DISCHARGE LIMIT(S)" is a categorical sample point. If the words "EPA" and "LOCAL" appear, compliance will be determined by using the lowest discharge limit.

ENDORSEMENT A21 CATEGORICAL DISCHARGE LIMITS

**40 CFR 437 Effluent Guidelines and Standards for the Centralized Waste Treatment Point Source Category. Pretreatment Standards for Existing Sources (PSNS):
Subpart B - Oils**

Pollutant	Daily Maximum Limit	Monthly Average Limit
Chromium	0.746 mg/L	0.323 mg/L
Cobalt	56.40 mg/L	18.80 mg/L
Copper	0.500 mg/L	0.242 mg/L
Lead	0.350 mg/L	0.160 mg/L
Tin	0.335 mg/L	0.165 mg/L
Zinc	8.260 mg/L	4.500 mg/L
ORGANIC ANALYTES		
Bis(2-ethylhexyl) phthalate	0.215 mg/L	0.101 mg/L
Carbazole	0.598 mg/L	0.276 mg/L
n-Decane	0.948 mg/L	0.437 mg/L
Fluoranthene	0.0537 mg/L	0.0268 mg/L
n-Octadecane	0.589 mg/L	0.302 mg/L

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ENDORSEMENT A22 CATEGORICAL DISCHARGE LIMITS

**40 CFR 437 Effluent Guidelines and Standards for the Centralized Waste Treatment Point Source Category. Pretreatment Standards for Existing Sources (PSNS):
Subpart C - Organics**

Pollutant	Daily Maximum Limit	Monthly Average Limit
ORGANIC ANALYTES		
o-Cresol	1.920 mg/L	0.561 mg/L
p-Cresol	0.698 mg/L	0.205 mg/L
2,4,6-Trichlorophenol	0.155 mg/L	0.106 mg/L

National Categorical (EPA) Limits and Permitted Categorical (EPA) Sample Points

The sanitary sewer discharge limits listed on this permit endorsement are applicable at the permitted categorical (EPA) sample points listed on page two (2) of this Industrial Waste Permit.

A. Definition of an "EPA" Sample Point:

1. An "EPA" sample point is where the discharge from the categorical (regulated) processes can be sampled prior to dilution with any non-categorical discharge.

B. Permitted Sample Points:

1. All permitted sample points are listed on page two (2) of this permit. Any sample point with the word "EPA" next to the words "DISCHARGE LIMIT(S)" is a categorical sample point. If the words "EPA" and "LOCAL" appear, compliance will be determined by using the lowest discharge limit.

ENDORSEMENT D4 - 9558 City Total Toxic Organics Limit

This endorsement establishes a total toxic organics (TTO) discharge limit. The TTO limit is applicable at each sample point on page two of this permit that has City (local) discharge limits. This endorsement is issued under the authority to establish permit provisions as provided by Part II of this permit; Sections 47-189 (a)(2), (a)(16), and 47-189 (b).

TTO Limit 50 mg/L

A TTO value is the summation of all quantifiable values greater than 0.1 mg/L for the following:

BASE / NEUTRALS / ACIDS - Test Method EPA 625

1,2-Benzanthracene (Benzo (a) Anthracene)
1,2-Dichlorobenzene
1,2-Diphenylhydrazine
1,2,4-Trichlorobenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
1,12-Benzoperylene (Benzo (ghi) Perylene)
2-Chloronaphthalene
2-Chlorophenol
2-Methylnaphthalene
2-Methylphenol
2-Nitroaniline
2-Nitrophenol
2,4-Dichlorophenol
2,4-Dimethylphenol
2,4-Dinitrophenol
2,4-Dinitrotoluene
2,4,5-Trichlorophenol
2,4,6-Trichlorophenol
2,6-Dinitrotoluene
3-Nitroaniline
3,3-Dichlorobenzidine
3,4-Benzofluoranthene (Benzo(b)fluoranthene)
3,4-Benzopyrene (Benzo (a) Pyrene)
4-Bromophenyl Phenyl Ether
4-Chloroaniline
4-Chlorophenyl Phenyl Ether
4-Nitroaniline
4-Nitrophenol
4,6-Dinitro-O-Cresol
1,12-Benzofluoranthene (Benzo (k) Fluoranthene)
Acenaphthylene
Acenaphthene
Anthracene
Benzidine
Benzoic Acid
BIS (2-Chloroethoxy) Methane
BIS (2-Chloroethyl) Ether
BIS (2-Chloroisopropyl) Ether
BIS (2-Ethylhexyl) Phthalate
Butyl Benzyl Phthalate
Chrysene
Di-N-Butyl Phthalate
Di-N-Octyl Phthalate
Dibenzo (A,H) Anthracene (1,2,5,6-Dibenzanthracene)
Dibenzofuran
Diethyl Phthalate
Dimethyl Phthalate
Fluoranthene
Fluorene
Hexachlorobenzene
Hexachlorobutadiene
Hexachlorocyclopentadiene

Hexachloroethane
Indeno (1,2,3-CD) Pyrene (2,3-0-Phenylene-pyrene)
Isophorone
N-Nitrosodi-n-propylamine
N-Nitrosodimethylamine
N-Nitrosodiphenylamine
Naphthalene
Nitrobenzene
p-Cresol
Parachlorometa cresol (4-Chloro-3-Methylphenol)
Pentachlorophenol
Phenanthrene
Phenol (Acid extractable)
Pyrene

VOLATILES - Test Method EPA 624

1,1-Dichloroethane
1,1-Dichloroethylene
1,1,1-Trichloroethane
1,1,2-Trichloroethane
1,1,2,2-Tetrachloroethane
1,2-Dichloroethane
1,2-Dichloroethene (Total) (1,2-Trans-Dichloroethylene)
1,2-Dichloropropane
1,3-Dichloropropylene (Cis-1,3-Dichloropropene)
Trans-1,3-Dichloropropene
2-Chloroethyl Vinyl Ether (Mixed)
2-Hexanone
4-Methyl-2-Pentanone
Benzene
Bromoform (Tribromomethane)
Carbon Disulfide
Carbon Tetrachloride (Tetrachloromethane)
Chlorobenzene
Chlorodibromomethane (Dibromochloromethane)
Chloroethane
Chloroform (Trichloromethane)
Dichlorobromomethane (Bromodichloromethane)
Ethylbenzene
Methyl Bromide (Bromomethane)
Methyl Chloride (Chloromethane)
Methylene Chloride
Styrene
Tetrachloroethylene
Toluene
Trichloroethylene
Vinyl Acetate
Vinyl Chloride (Chloroethylene)
Xylenes (Total)

ENDORSEMENT D4 - 9558 Special Discharge Limits

This endorsement establishes discharge limits for acetone, 2-butanone and benzyl alcohol. These discharge limits are hereby added to Industrial Waste Permit 9558 and are applicable at sample point number five (5) which is listed and described on page two of this permit.

Grab and daily composite samples are defined in Chapter 47; Article V which is Part II of this permit:

Grab sample - An individual sample of effluent collected in less than fifteen (15) minutes.

Daily composite sample - A sample of effluent collected in several portions during a normal operating day.

Discharge limits for the semi-volatile organic compound benzyl alcohol:

	<u>Grab Sample Limit</u>	<u>Composite Sample Limit</u>
Benzyl Alcohol	200 mg/L	200 mg/L

Discharge limits for the volatile organic compounds acetone and 2-butanone:

	<u>Grab sample limit</u>
Acetone	200 mg/L
2-Butanone	200 mg/L

Composite sample discharge limits apply to volatile organic compounds when multiple grab samples are collected and combined in a laboratory to make one composite sample:

	<u>Composite Sample Limit</u>
Acetone	200 mg/L
2-Butanone	200 mg/L